

| Ref # | Hits | Search Query  | DBs                             | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---------------------------------|------------------|---------|------------------|
| L1    | 860  | ((bump protrusion) near2 density)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2004/11/24 10:01 |
| L2    | 25   | 1 and ((magnetic adj field) same (heater heat\$3 irradiat\$4))  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2004/11/24 10:02 |
| S1    | 1    | ("20020186506").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2004/11/19 14:11 |
| S2    | 687  | (magnetic adj record\$3 adj medi\$2) same (bumps protrusion)  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2004/11/22 09:25 |
| S3    | 40   | S2 and 360/59,55,135.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2004/11/19 14:16 |
| S4    | 39   | S2 and 360/59,48,135.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2004/11/19 14:32 |
| S5    | 395  | ((record\$3 writ\$3) same (heater heat\$3) near2 (magnetic adj layer))  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2004/11/22 09:28 |
| S6    | 8    | S2 and S5   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2004/11/19 14:47 |
| S7    | 4    | ("5252367").URPN.   | USPAT                           | OR               | ON      | 2004/11/19 14:41 |
| S8    | 17   | ("20010033949"   "20010048568"   "20020044523"   "20020048692"   "20030064251"   "5599605"   "5650237"   "5656385"   "5738927"   "5952094"   "6022609"   "6183892"   "6277462"   "6319580"   "6423431"   "6428906"   "6613460").PN. | US-PGPUB;<br>USPAT;<br>USOCR    | OR               | ON      | 2004/11/19 14:42 |
| S9    | 6    | ("5626935"   "5626941"   "5726108"   "5744208"   "5780371"   "5875084").PN.   | US-PGPUB;<br>USPAT;<br>USOCR    | OR               | ON      | 2004/11/19 14:46 |
| S10   | 1    | S4 and S5   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2004/11/19 14:47 |
| S11   | 2567 | 360/59,135.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2004/11/19 14:48 |
| S12   | 5397 | 369/13.4,283,272,288.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2004/11/19 14:48 |

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| S13 | 5506 | 428/141,142,332.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2004/11/19 14:49 |
| S14 | 4    | S2 and S12  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2004/11/19 14:50 |
| S15 | 37   | S2 and S11  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2004/11/19 14:50 |
| S16 | 120  | S2 and S13  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2004/11/19 14:56 |
| S17 | 23   | S5 and (bump protrusion)  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2004/11/19 14:56 |
| S18 | 6    | ("4224381"   "4749459"  <br>"4786564"   "5037515"   "5084152"<br>  "5314745").PN.               | US-PGPUB;<br>USPAT;<br>USOCR    | OR | ON  | 2004/11/19 14:59 |
| S19 | 1    | ("6164118").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2004/11/22 08:58 |
| S20 | 1    | ("5949612").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2004/11/22 08:58 |
| S21 | 488  | ((magnetic adj record\$3 adj<br>medi\$2) same (bumps protrusion))<br>and density                | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2004/11/22 09:34 |
| S22 | 7    | S21 and ((record\$3 writ\$3) same<br>(heater heat\$3) near2 (magnetic<br>adj layer))            | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2004/11/22 09:35 |
| S23 | 687  | ((magnetic adj record\$3 adj<br>medi\$2) same (bumps irregularit\$3<br>protrusion)) and density | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2004/11/22 09:58 |
| S24 | 687  | ((magnetic adj record\$3 adj<br>medi\$2) same (bumps irregularit\$3<br>protrusion)) and density | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2004/11/22 09:35 |
| S25 | 27   | S24 and ((heater heat\$3) near2<br>(magnetic adj layer))  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2004/11/22 09:35 |
| S26 | 3546 | ((bump irregularit\$3 protrusion)<br>near2 density)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2004/11/22 12:04 |
| S27 | 172  | S26 and (magnetic adj record\$3 adj<br>medi\$2)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2004/11/22 12:52 |
| S28 | 3    | S27 and (compensation adj<br>temp\$8)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2004/11/22 11:23 |

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| S29 | 51      | S27 and (room adj temp\$8)                   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2004/11/22 11:23 |
| S30 | 498     | ((bump protrusion) near density)             | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2004/11/22 12:05 |
| S31 | 856     | ((bump protrusion) near2 density)            | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2004/11/24 10:00 |
| S32 | 133     | S31 and (magnetic adj layer)                 | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2004/11/22 12:05 |
| S33 | 4456303 | (magnetic compensation (point temperature))  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2004/11/22 12:52 |
| S34 | 718     | S31 and S33                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2004/11/22 12:52 |
| S35 | 160     | S34 and (magnetic adj record\$3 adj medi\$2) | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2004/11/22 12:52 |
| S36 | 1       | ("5912063").PN.                              | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2004/11/23 15:11 |